

Probability *key words*

ANSWERS

A Fill in the missing words from the word bank.

Word bank

Two words are not needed.

biased

certain

equally

even

fair

impossible

outcome

percentage

probability

relative

scale

trials

unlikely

A probability tells you how likely something is to happen. It can be written as a fraction, a decimal or a percentage. On the probability scale, an event that cannot happen is

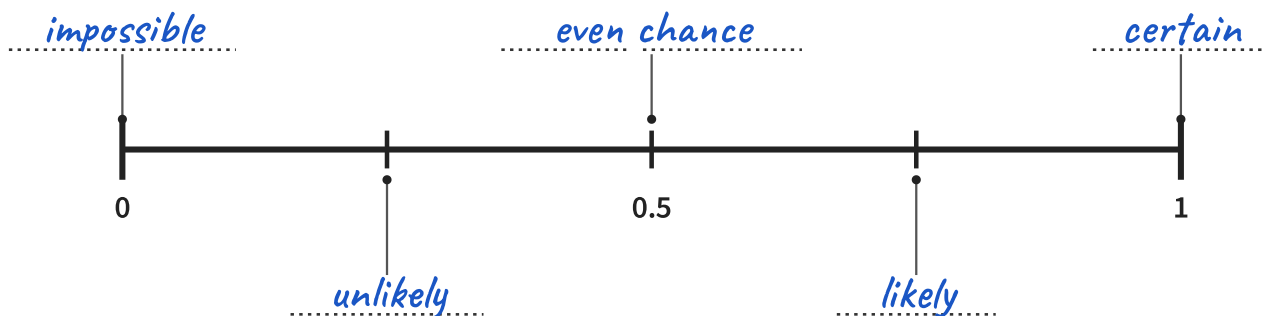
impossible and has probability 0, and an event that is certain to happen has probability

1. A coin landing on heads has an even chance.

Each possible result is called an outcome. When a dice is fair, every outcome is equally likely. The probabilities of all the possible outcomes add up to 1, so if the probability that it rains is 0.3, the probability that it does not rain is 0.7.

The relative frequency is the number of times an outcome happens divided by the number of trials.

B Label the diagram. No word bank this time. Each label gives the first letter.



C Each sentence uses the wrong key word. Cross it out and write the right word.

1 A coin is biased when heads and tails are equally likely.

fair

2 An event with probability 0 is certain.

impossible

3 Each possible result of an experiment is called a trial.

outcome

4 Probabilities can be written as fractions, decimals or ratios.

percentages